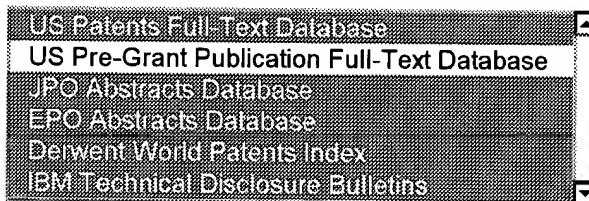


## WEST

[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show 8 Numbers](#) [Edit 8 Numbers](#) [Preferences](#) [Cases](#)

## Search Results -

Term	Documents
(3 OR 4).USPT,JPAB,EPAB,DWPI,TDBD.	49
(L3 OR L4).USPT,JPAB,EPAB,DWPI,TDBD.	49



Database:

Search:

L5

[Refine Search](#)[Recall Text](#)[Clear](#)

## Search History

DATE: Thursday, May 01, 2003 [Printable Copy](#) [Create Case](#)Set Name Query

side by side

<u>Hit Count</u>	<u>Set Name</u>
result set	

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

(hydroxy\$1 near3 containing) or (hydroxy\$1 near3 contains) or

<u>L1</u>	(hydroxy\$1 near3 bound) or (hydroxy\$1 near3 modified) or	71580	<u>L1</u>
	(hydroxy\$1 near3 bound)		

<u>L2</u>	(rubber or elastomer) with L1	1657	<u>L2</u>
-----------	-------------------------------	------	-----------

<u>L3</u>	((525/232 )!.CCLS. ) and L2	10	<u>L3</u>
-----------	-----------------------------	----	-----------

<u>L4</u>	((526/\$)!.CCLS.) and L2	39	<u>L4</u>
-----------	--------------------------	----	-----------

<u>L5</u>	l3 or L4	49	<u>L5</u>
-----------	----------	----	-----------

END OF SEARCH HISTORY

# WEST

[Help](#)[Logout](#)[Interrupt](#)
[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show 8 Numbers](#) [Edit 8 Numbers](#) [Preferences](#) [Cases](#)

## Search Results -

Term	Documents
(4 OR 5).USPT,JPAB,EPAB,DWPI,TDBD.	48
(L4 OR L5).USPT,JPAB,EPAB,DWPI,TDBD.	48

**Database:**

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L6

Refine Search

Recall Text

Clear

## Search History

**DATE:** Thursday, May 01, 2003 [Printable Copy](#) [Create Case](#)

**Set Name** **Query**

side by side

**Hit Count** **Set Name**  
result set

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L1 (hydroxy near3 containing) or (hydroxyl near3 containing) or (hydroxy near2 bound) or (hydroxyl near2 bound) or (hydroxy near3 modified) or (hydroxyl near3 modified)

58014

L1

L2 (rubber or elastomer or elastomeric) with L1

1587

L2

L3 ((526/335 |526/336 )!.CCLS. ) and L2

0

L3

L4 ((525/232 )!.CCLS. ) and L2

8

L4

L5 ((526/\$)!.CCLS.) and L2

40

L5

L6 l4 or L5

48

L6

END OF SEARCH HISTORY

WEST

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 1 through 10 of 48 returned.

 1. Document ID: US 6512053 B1

L6: Entry 1 of 48

File: USPT

Jan 28, 2003

US-PAT-NO: 6512053

DOCUMENT-IDENTIFIER: US 6512053 B1

TITLE: Emulsion styrene-butadiene rubber

DATE-ISSUED: January 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Colvin; Howard Allen	Akron	OH		
Senyek, Jr.; Michael Leslie	Tallmadge	OH		

US-CL-CURRENT: 525/243; 525/194, 525/223, 525/227, 525/232, 525/236, 525/237, 525/241[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMM](#) | [Draw Desc](#) | [Image](#) 2. Document ID: US 6476151 B1

L6: Entry 2 of 48

File: USPT

Nov 5, 2002

US-PAT-NO: 6476151

DOCUMENT-IDENTIFIER: US 6476151 B1

TITLE: Heat-resistant material and coating material for OA equipments having flexibility

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Araki; Takayuki	Settsu			JP
Tanaka; Yoshito	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Otsuki; Norihito	Settsu			JP
Kato; Masami	Settsu			JP
Shimizu; Tetsuo	Settsu			JP

US-CL-CURRENT: 525/276; 526/79[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMM](#) | [Draw Desc](#) | [Image](#) 3. Document ID: US 6476140 B2

L6: Entry 3 of 48

File: USPT

Nov 5, 2002

US-PAT-NO: 6476140

DOCUMENT-IDENTIFIER: US 6476140 B2

TITLE: Thermoplastic elastomer composition and rubber roller composed thereof

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hattori; Takayuki	Kobe			JP
Mizoguchi; Tetsuo	Kobe			JP
Mizumoto; Yoshihisa	Kobe			JP
Okuyama; Hideyuki	Kobe			JP

US-CL-CURRENT: 525/191; 425/223, 425/263, 525/213, 525/222, 525/232, 525/238, 525/241[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMDIC](#) [Drawn Desc](#) [Image](#) 4. Document ID: US 6455655 B1

L6: Entry 4 of 48

File: USPT

Sep 24, 2002

US-PAT-NO: 6455655

DOCUMENT-IDENTIFIER: US 6455655 B1

TITLE: Emulsion styrene-butadiene rubber

DATE-ISSUED: September 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Colvin; Howard Allen	Akron	OH		
Senyek, Jr.; Michael Leslie	Tallmadge	OH		

US-CL-CURRENT: 526/329.2; 526/304, 526/307.5, 526/307.8, 526/320, 526/324, 526/329,  
526/329.1, 526/338, 526/340, 526/347[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMDIC](#) [Drawn Desc](#) [Image](#) 5. Document ID: US 6342559 B1

L6: Entry 5 of 48

File: USPT

Jan 29, 2002

US-PAT-NO: 6342559

DOCUMENT-IDENTIFIER: US 6342559 B1

TITLE: Conjugated diene rubber, process for producing the same, and rubber composition

DATE-ISSUED: January 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takagishi; Yukio	Kawasaki			JP

US-CL-CURRENT: 524/492; 524/493, 526/222, 526/224

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[MMC](#) [Drawn Desc](#) [Image](#) **6. Document ID: US 6291544 B1**

L6: Entry 6 of 48

File: USPT

Sep 18, 2001

US-PAT-NO: 6291544

DOCUMENT-IDENTIFIER: US 6291544 B1

TITLE: Reactive esters of 2-cyanopenta-2,4-dienoic acid and the adhesives and polymers thereof

DATE-ISSUED: September 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kotzev; Dimiter Lubomirov	Northants			GB

US-CL-CURRENT: 522/173; 427/207.1, 427/516, 427/517, 522/182, 522/184, 522/6, 522/70,  
522/75, 522/80, 526/215, 526/77, 526/89[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[MMC](#) [Drawn Desc](#) [Image](#) **7. Document ID: US 6274688 B1**

L6: Entry 7 of 48

File: USPT

Aug 14, 2001

US-PAT-NO: 6274688

DOCUMENT-IDENTIFIER: US 6274688 B1

TITLE: Functional groups-terminated vinyl polymers

DATE-ISSUED: August 14, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakagawa; Yoshiki	Kobe			JP
Kitano; Kenichi	Kobe			JP
Kusakabe; Masato	Kobe			JP

US-CL-CURRENT: 526/329.7; 526/328, 526/346[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[MMC](#) [Drawn Desc](#) [Image](#) **8. Document ID: US 6130304 A**

L6: Entry 8 of 48

File: USPT

Oct 10, 2000

US-PAT-NO: 6130304

DOCUMENT-IDENTIFIER: US 6130304 A

TITLE: Water-absorbent or water-retention material and production method thereof

DATE-ISSUED: October 10, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sumiya; Takashi	Shiga-ken			JP
Koike; Masami	Osaka-fu			JP
Fujiura; Yoji	Kyoto-fu			JP
Nomoto; Mihoko	Kyoto-fu			JP

US-CL-CURRENT: 526/317.1; 526/318, 526/319, 526/320, 526/321, 526/328.5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Image](#)

9. Document ID: US 6111045 A

L6: Entry 9 of 48

File: USPT

Aug 29, 2000

US-PAT-NO: 6111045

DOCUMENT-IDENTIFIER: US 6111045 A

TITLE: Diene rubber, process for preparing same, and composition containing same

DATE-ISSUED: August 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takagishi; Yukio	Kawasaki			JP
Nakamura; Masao	Kawasaki			JP

US-CL-CURRENT: 526/338; 524/545, 524/548, 524/555, 526/251, 526/265, 526/272, 526/293,  
526/304, 526/310, 526/312, 526/316, 526/320, 526/329.1, 526/332

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Image](#)

10. Document ID: US 6020446 A

L6: Entry 10 of 48

File: USPT

Feb 1, 2000

US-PAT-NO: 6020446

DOCUMENT-IDENTIFIER: US 6020446 A

TITLE: Curable composition

DATE-ISSUED: February 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okamoto; Toshihiko	Kobe			JP
Chiba; Makoto	Kobe			JP
Sakaguchi; Masashi	Kakogawa			JP
Takase; Junji	Akashi			JP

US-CL-CURRENT: 526/279; 525/100, 525/105, 525/106, 525/479, 528/26, 528/34

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Image](#)

[Generate Collection](#)

[Print](#)

## WEST

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 11 through 20 of 48 returned.

 11. Document ID: US 5981669 A

L6: Entry 11 of 48

File: USPT

Nov 9, 1999

US-PAT-NO: 5981669

DOCUMENT-IDENTIFIER: US 5981669 A

TITLE: Silicone-containing prepolymers and low water materials

DATE-ISSUED: November 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Valint, Jr.; Paul L.	Pittsford	NY		
Lai; Yu-Chin	Pittsford	NY		
Quinn; Edmond T.	Rochester	NY		
Ammon, Jr.; Daniel M.	Rochester	NY		

US-CL-CURRENT: 525/477; 526/279, 528/26, 528/28, 528/29, 528/38[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Drawn Desc](#) [Image](#) 12. Document ID: US 5883156 A

L6: Entry 12 of 48

File: USPT

Mar 16, 1999

US-PAT-NO: 5883156

DOCUMENT-IDENTIFIER: US 5883156 A

\*\* See image for Certificate of Correction \*\*

TITLE: Biodegradable resin composition ADN antifouling paint composition

DATE-ISSUED: March 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fukuda; Koichi	Osaka			JP
Yokoi; Junji	Ikoma			JP

US-CL-CURRENT: 523/122; 424/78.09, 524/5, 525/58, 525/74, 526/266, 528/354[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Drawn Desc](#) [Image](#) 13. Document ID: US 5684089 A

L6: Entry 13 of 48

File: USPT

Nov 4, 1997

US-PAT-NO: 5684089

DOCUMENT-IDENTIFIER: US 5684089 A

TITLE: Pregellable adhesives

DATE-ISSUED: November 4, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lanoye; Thierry	Cosne-sur-Loire			FR
Garnault; Anne-Marie	Les Babises			FR

US-CL-CURRENT: 525/237, 525/165, 525/171, 525/176, 525/178, 525/183, 525/184, 525/194,  
525/221, 525/231, 525/232, 525/233, 525/236, 525/332.5, 525/332.6, 525/333.2, 525/343,  
525/71, 525/74, 525/78, 525/84

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[RMC](#) | [Draw Desc](#) | [Image](#)

14. Document ID: US 5670593 A

L6: Entry 14 of 48

File: USPT

Sep 23, 1997

US-PAT-NO: 5670593

DOCUMENT-IDENTIFIER: US 5670593 A

TITLE: Fluorine-containing olefin, fluorine-containing polymer and thermoplastic resin composition prepared by using said polymer

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Araki; Takayuki	Settsu			JP
Shimizu; Tetsuo	Settsu			JP
Yamato; Takafumi	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Yamamoto; Yoshihisa	Settsu			JP

US-CL-CURRENT: 526/245, 526/240, 526/242, 526/246, 526/247, 526/248, 526/249, 526/255

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[RMC](#) | [Draw Desc](#) | [Image](#)

15. Document ID: US 5622998 A

L6: Entry 15 of 48

File: USPT

Apr 22, 1997

US-PAT-NO: 5622998

DOCUMENT-IDENTIFIER: US 5622998 A

TITLE: Depolymerized natural rubber and process for preparation thereof

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tanaka; Yasuyuki	Tokyo			JP
Sakaki; Toshiaki	Hyogo			JP
Kawasaki; Atsuko	Hyogo			JP
Hayashi; Masaharu	Wakayama			JP
Kanamaru; Eiji	Tokyo			JP
Shibata; Kazuhiko	Osaka			JP

US-CL-CURRENT: 521/41; 524/575.5, 526/340.2, 528/490

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Drawn Desc](#) | [Image](#)

16. Document ID: US 5612412 A

L6: Entry 16 of 48

File: USPT

Mar 18, 1997

US-PAT-NO: 5612412

DOCUMENT-IDENTIFIER: US 5612412 A

TITLE: Lactone-modified polyvinyl alcohol, a process for the preparation thereof

DATE-ISSUED: March 18, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Kazushi	Hiroshima-ken			JP
Fujiwa; Takaaki	Niigata-ken			JP
Isobe; Tomohisa	Yamaguchi-ken			JP
Sagane; Hiroshi	Osaka-fu			JP

US-CL-CURRENT: 525/58; 525/60, 525/62, 526/270

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Drawn Desc](#) | [Image](#)

17. Document ID: US 5589543 A

L6: Entry 17 of 48

File: USPT

Dec 31, 1996

US-PAT-NO: 5589543

DOCUMENT-IDENTIFIER: US 5589543 A

\*\* See image for Certificate of Correction \*\*

TITLE: Polyurethane elastomers prepared from difunctional telechelic linear non-crosslinked polyolefins

DATE-ISSUED: December 31, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yokelson; Howard B.	Naperville	IL		
Nubel; Philip O.	Naperville	IL		
Behrends; Raymond T.	Lombard	IL		

US-CL-CURRENT: 525/131; 525/293, 526/312, 528/75, 528/84, 528/85, 528/904

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Drawn Desc](#) | [Image](#)

18. Document ID: US 5424380 A

L6: Entry 18 of 48

File: USPT

Jun 13, 1995

US-PAT-NO: 5424380

DOCUMENT-IDENTIFIER: US 5424380 A

TITLE: Resin composition

DATE-ISSUED: June 13, 1995

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doi; Toru	Mie			JP

US-CL-CURRENT: 526/262; 525/217, 526/348[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Drawn Desc](#) [Image](#) 19. Document ID: US 5391665 A

L6: Entry 19 of 48

File: USPT

Feb 21, 1995

US-PAT-NO: 5391665

DOCUMENT-IDENTIFIER: US 5391665 A

TITLE: Process for producing polymer having hydroxyl groups at both terminals

DATE-ISSUED: February 21, 1995

## INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matsunaga; Toshiaki	Osaka			JP
Takei; Kazuo	Osaka			JP
Toba; Taketo	Hyogo			JP
Ikeuchi; Hiroyuki	Osaka			JP
Tamura; Fumihide	Shiga			JP

US-CL-CURRENT: 526/211; 526/223, 526/245, 526/262, 526/279, 526/309, 526/317.1,  
526/318.4, 526/318.44, 526/328, 526/329.7, 526/346, 526/84, 526/85[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Drawn Desc](#) [Image](#) 20. Document ID: US 5321080 A

L6: Entry 20 of 48

File: USPT

Jun 14, 1994

US-PAT-NO: 5321080

DOCUMENT-IDENTIFIER: US 5321080 A

TITLE: Olefin resin composition

DATE-ISSUED: June 14, 1994

## INVENTOR- INFORMATION:

## WEST

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 21 through 30 of 48 returned.

 21. Document ID: US 5134051 A

L6: Entry 21 of 48

File: USPT

Jul 28, 1992

US-PAT-NO: 5134051

DOCUMENT-IDENTIFIER: US 5134051 A

TITLE: Electrophotographic photoreceptor

DATE-ISSUED: July 28, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kato; Eiichi	Shizuoka			JP
Ishii; Kazuo	Shizuoka			JP

US-CL-CURRENT: 430/96; 526/326[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KIMI](#) | [Drawn Desc](#) | [Image](#) 22. Document ID: US 5118779 A

L6: Entry 22 of 48

File: USPT

Jun 2, 1992

US-PAT-NO: 5118779

DOCUMENT-IDENTIFIER: US 5118779 A

TITLE: Hydrophilic polyurethane elastomers

DATE-ISSUED: June 2, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Szycher; Michael	Lynnfield	MA		

US-CL-CURRENT: 528/75; 424/401, 424/435, 424/443, 424/448, 424/449, 522/34, 522/39,  
522/42, 522/90, 525/920, 526/301, 528/904[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KIMI](#) | [Drawn Desc](#) | [Image](#) 23. Document ID: US 4985314 A

L6: Entry 23 of 48

File: USPT

Jan 15, 1991

US-PAT-NO: 4985314

DOCUMENT-IDENTIFIER: US 4985314 A

\*\* See image for Certificate of Correction \*\*

TITLE: Novel vinyl chloride resins and compositions incorporating such resins

DATE-ISSUED: January 15, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Merriam; Charles N.	Martinsville	NJ		
Mallon; Charles B.	Belle Mead	NJ		
Harvey; James R.	Bridgewater	NJ		
Johnson; Robert N.	Basking Ridge	NJ		

US-CL-CURRENT: 428/694BA; 428/694BG, 428/694BP, 428/900, 526/213, 526/320

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [RWC](#) | [Draw Desc](#) | [Image](#)

24. Document ID: US 4625005 A

L6: Entry 24 of 48

File: USPT

Nov 25, 1986

US-PAT-NO: 4625005

DOCUMENT-IDENTIFIER: US 4625005 A

TITLE: Multi-component copolymer rubber, a process for producing the same, and a rubber composition containing the multi-component copolymer rubber

DATE-ISSUED: November 25, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyabayashi; Toshio	Yokkaichi			JP
Sakabe; Nobuyuki	Yokkaichi			JP
Udagawa; Yoshiyuki	Yokkaichi			JP
Enyo; Hiroji	Suzuka			JP
Takemura; Yasuhiko	Yokkaichi			JP

US-CL-CURRENT: 526/273; 525/208, 525/217, 526/292.6, 526/292.9, 526/293

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [RWC](#) | [Draw Desc](#) | [Image](#)

25. Document ID: US 4574140 A

L6: Entry 25 of 48

File: USPT

Mar 4, 1986

US-PAT-NO: 4574140

DOCUMENT-IDENTIFIER: US 4574140 A

TITLE: Green strength of elastomers

DATE-ISSUED: March 4, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sandstrom; Paul H.	Tallmadge	OH		
Friedman; Emil M.	Cleveland Heights	OH		

US-CL-CURRENT: 525/123; 525/374, 526/316, 526/320, 526/348.6, 526/348.8, 526/916

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

26. Document ID: US 4371668 A .

L6: Entry 26 of 48

File: USPT

Feb 1, 1983

US-PAT-NO: 4371668

DOCUMENT-IDENTIFIER: US 4371668 A

TITLE: Rubber compound capable of giving a vulcanized rubber having a high modulus of elasticity

DATE-ISSUED: February 1, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ikeda; Hiroharu	Machida			JP
Shimozato; Yasuyuki	Yokohama			JP

US-CL-CURRENT: 525/133; 525/179, 525/194, 525/206, 525/208, 525/232, 525/233, 525/235,  
525/241, 525/343, 525/374, 525/375, 525/379, 525/380, 525/381, 525/382

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

27. Document ID: US 4367097 A

L6: Entry 27 of 48

File: USPT

Jan 4, 1983

US-PAT-NO: 4367097

DOCUMENT-IDENTIFIER: US 4367097 A

TITLE: Method for manufacturing granular organic rubber chemical composition

DATE-ISSUED: January 4, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sakanaka; Yasuhiro	Shinnanyo			JP
Hayashi; Takao	Hikari			JP
Koizumi; Tatsuya	Yamaguchi			JP
Akashi; Sumio	Yamaguchi			JP

US-CL-CURRENT: 526/202; 526/201, 526/237, 528/486, 528/487

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

28. Document ID: US 4259460 A

L6: Entry 28 of 48

File: USPT

Mar 31, 1981

US-PAT-NO: 4259460

DOCUMENT-IDENTIFIER: US 4259460 A

TITLE: Rubbery compositions

DATE-ISSUED: March 31, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwarz; Herbert F.	Sarnia			CA

US-CL-CURRENT: 525/208, 525/209, 525/213, 525/217, 525/222, 525/223, 525/228, 525/232, 525/234, 525/235, 525/238, 525/239

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

29. Document ID: US 4245060 A

L6: Entry 29 of 48

File: USPT

Jan 13, 1981

US-PAT-NO: 4245060

DOCUMENT-IDENTIFIER: US 4245060 A

TITLE: Functional group containing cyclic diolefin butyl rubbers

DATE-ISSUED: January 13, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth W.	Berkeley Heights	NJ		
Roper; Robert	Summit	NJ		
Gorbaty; Martin L.	Fanwood	NJ		

US-CL-CURRENT: 525/256, 525/103, 525/332.1, 525/344, 525/350, 525/355, 525/356, 525/359.3, 525/386, 526/308

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

30. Document ID: US 4230837 A

L6: Entry 30 of 48

File: USPT

Oct 28, 1980

US-PAT-NO: 4230837

DOCUMENT-IDENTIFIER: US 4230837 A

TITLE: Olefin containing polymers treated with oxycarbonylsulfenyl halides

DATE-ISSUED: October 28, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brois; Stanley J.	Westfield	NJ		
Ver Strate; Gary	Matawan	NJ		

US-CL-CURRENT: 525/343, 525/326.7, 525/327.2, 525/327.5, 525/328.6, 525/328.9, 525/329.3, 525/329.5, 525/329.8, 525/330.4, 525/330.9, 525/331.8, 525/332.6, 525/333.9, 525/434, 525/437, 525/474, 526/286

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

[Generate Collection](#)

[Print](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 31 through 40 of 48 returned.** 31. Document ID: US 4228254 A

L6: Entry 31 of 48

File: USPT

Oct 14, 1980

US-PAT-NO: 4228254

DOCUMENT-IDENTIFIER: US 4228254 A

TITLE: Functional group containing cyclic diolefin butyl rubbers

DATE-ISSUED: October 14, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth W.	Berkeley Heights	NJ		
Roper; Robert	Summit	NJ		
Gorbaty; Martin L.	Fanwood	NJ		

US-CL-CURRENT: 525/256; 525/131, 525/332.1, 525/344, 525/355, 525/359.2, 525/386,  
526/308[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[RIMC](#) | [Drawn Desc](#) | [Image](#) 32. Document ID: US 4182803 A

L6: Entry 32 of 48

File: USPT

Jan 8, 1980

US-PAT-NO: 4182803

DOCUMENT-IDENTIFIER: US 4182803 A

TITLE: Elastomer

DATE-ISSUED: January 8, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanagawa; Shuichi	Osaka			JP
Miki; Tamotsu	Ichihara			JP

US-CL-CURRENT: 526/313; 526/295[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[RIMC](#) | [Drawn Desc](#) | [Image](#) 33. Document ID: US RE29772 E

L6: Entry 33 of 48

File: USPT

Sep 19, 1978

US-PAT-NO: RE29772

DOCUMENT-IDENTIFIER: US RE29772 E

TITLE: Urethane elastomer with active hydrogen containing monoethylenically unsaturated monomer

DATE-ISSUED: September 19, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Niederhauser; Warren D.	Meadowbrook	PA		
Bauer, Jr.; William	Huntingdon Valley	PA		
Lane; Constance A.	Philadelphia	PA		
Belmares-Sarabia; Hector	Villa de Guadalupe			MX

US-CL-CURRENT: 525/440; 525/445, 525/455, 526/301, 528/49, 528/59, 528/75

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [RIMC](#) [Drawn Desc](#) [Image](#)

34. Document ID: US 4090015 A

L6: Entry 34 of 48

File: USPT

May 16, 1978

US-PAT-NO: 4090015

DOCUMENT-IDENTIFIER: US 4090015 A

TITLE: Method for polymerizing dienic monomers

DATE-ISSUED: May 16, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koyanagi; Shunichi	Joetsu			JA
Hasegawa; Niichiro	Joetsu			JA
Shimizu; Toshihide	Joetsu			JA
Kaneko; Ichiro	Joetsu			JA
Katsushima; Sensaku	Joetsu			JA

US-CL-CURRENT: 526/62; 526/340, 526/74

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [RIMC](#) [Drawn Desc](#) [Image](#)

35. Document ID: US 4077822 A

L6: Entry 35 of 48

File: USPT

Mar 7, 1978

US-PAT-NO: 4077822

DOCUMENT-IDENTIFIER: US 4077822 A

TITLE: Splice for use during the thermal stabilization of a flat multifilament band of an acrylic fibrous material comprising at least two segments

DATE-ISSUED: March 7, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Logwin; John R.	Somerset	NJ		

US-CL-CURRENT: 156/157; 156/158, 156/163, 156/289, 156/329, 156/502, 264/258, 428/447,

428/57, 526/102, 8/115.51, 8/115.64

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

36. Document ID: US 4068062 A

L6: Entry 36 of 48

File: USPT

Jan 10, 1978

US-PAT-NO: 4068062

DOCUMENT-IDENTIFIER: US 4068062 A

TITLE: Polymerizing C.<sub>sub</sub>.5 and C.<sub>sub</sub>.6 olefins and diolefins with 3.degree. hydrocarbyl halide to produce narrow molecular weight petroleum resins having low softening points

DATE-ISSUED: January 10, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lepert; Andre	Rhode-Saint-Genese			BE

US-CL-CURRENT: 526/76; 526/237, 526/238, 526/290, 526/82, 526/89, 528/501

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

37. Document ID: US 3976611 A

L6: Entry 37 of 48

File: USPT

Aug 24, 1976

US-PAT-NO: 3976611

DOCUMENT-IDENTIFIER: US 3976611 A

TITLE: Free-flowing beads of particles of an acrylate elastomer

DATE-ISSUED: August 24, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aloia; Romeo Raymond	Bridgewater Township, Somerset County	NJ		

US-CL-CURRENT: 524/400; 524/394, 524/399, 524/777, 524/783, 526/328.5, 526/329.4,  
526/329.5, 526/332

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

38. Document ID: US 3627856 A

L6: Entry 38 of 48

File: USPT

Dec 14, 1971

US-PAT-NO: 3627856

DOCUMENT-IDENTIFIER: US 3627856 A

TITLE: RUBBER COMPOSITIONS CONTAINING A POLYHYDROXY DIENE POLYMER

DATE-ISSUED: December 14, 1971

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thienot; Marc O.	Park Forest	IL		

US-CL-CURRENT: 525/233; 525/194, 525/218, 525/221, 525/227, 525/232, 525/235

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

39. Document ID: US 3624014 A

L6: Entry 39 of 48

File: USPT

Nov 30, 1971

US-PAT-NO: 3624014

DOCUMENT-IDENTIFIER: US 3624014 A

\*\* See image for Certificate of Correction \*\*

TITLE: REACTIONS PRODUCTS OF AN ORTHO-SILICATE AND A HYDROXY TERMINATED DIENE POLYMER AND THE PREPARATION THEREOF

DATE-ISSUED: November 30, 1971

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moore; Robert A.	Park Forest	IL		
Ryan; Patrick W.	Chicago Heights	IL		

US-CL-CURRENT: 528/392; 149/19.2, 525/100, 525/105, 525/342, 526/194, 528/10, 528/18, 528/39

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

40. Document ID: JP 04126711 A

L6: Entry 40 of 48

File: JPAB

Apr 27, 1992

PUB-NO: JP404126711A

DOCUMENT-IDENTIFIER: JP 04126711 A

TITLE: HIGH ENERGY-RAY CURABLE RESIN COMPOSITION

PUBN-DATE: April 27, 1992

INVENTOR-INFORMATION:

NAME	COUNTRY
FUKUTAKA, EITARO	
HIBI, TOYOJI	
SHIMIZUI, TSUNEHIKO	

US-CL-CURRENT: 526/301

INT-CL (IPC): C08F 299/06; C08F 2/48

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

[Generate Collection](#)

[Print](#)

## WEST

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 41 through 48 of 48 returned.

 41. Document ID: JP 03177403 A

L6: Entry 41 of 48

File: JPAB

Aug 1, 1991

PUB-NO: JP403177403A

DOCUMENT-IDENTIFIER: JP 03177403 A

TITLE: HIGHER ALPHA-OLEFINIC COPOLYMER AND ITS PREPARATION

PUBN-DATE: August 1, 1991

## INVENTOR- INFORMATION:

NAME

COUNTRY

KAWASAKI, MASAAKI

MINAMI, SHUJI

US-CL-CURRENT: 526/124.8; 526/124.9  
INT-CL (IPC): C08F 210/14; C08F 4/658

## 42. Document ID: JP 01022962 A

L6: Entry 42 of 48

File: JPAB

Jan 25, 1989

PUB-NO: JP401022962A

DOCUMENT-IDENTIFIER: JP 01022962 A

TITLE: RUBBER CHIP COMPOSITION

PUBN-DATE: January 25, 1989

## INVENTOR- INFORMATION:

NAME

COUNTRY

YASUYOSHI, MATSUNORI

OKAMOTO, KOHEI

US-CL-CURRENT: 525/232

INT-CL (IPC): C08L 75/04; C08L 21/00



## 43. Document ID: JP 63218716 A

L6: Entry 43 of 48

File: JPAB

Sep 12, 1988

PUB-NO: JP363218716A

DOCUMENT-IDENTIFIER: JP 63218716 A  
TITLE: PRODUCTION OF ACRYLIC ELASTOMER

PUBN-DATE: September 12, 1988

INVENTOR-INFORMATION:

NAME

YOKOI, KAZUMA

YAMASHITA, EIICHI

COUNTRY

US-CL-CURRENT: 526/273

INT-CL (IPC): C08F 220/12; C08F 220/12; C08F 220/22; C08F 220/22; C08F 220/28; C08F 220/28

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

44. Document ID: JP 62270637 A

L6: Entry 44 of 48

File: JPAB

Nov 25, 1987

PUBN-NO: JP362270637A

DOCUMENT-IDENTIFIER: JP 62270637 A

TITLE: PRIMER COMPOSITION

PUBN-DATE: November 25, 1987

INVENTOR-INFORMATION:

NAME

MURACHI, TATSUYA

COUNTRY

US-CL-CURRENT: 526/240

INT-CL (IPC): C08J 7/04; B05D 1/36; B05D 7/24; C08J 5/12; C09D 3/733; C09D 5/00; C09D 5/00; C09J 3/14; C09J 5/02

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

45. Document ID: JP 61243813 A

L6: Entry 45 of 48

File: JPAB

Oct 30, 1986

PUBN-NO: JP361243813A

DOCUMENT-IDENTIFIER: JP 61243813 A

TITLE: PRODUCTION OF CHLOROPRENE RUBBER

PUBN-DATE: October 30, 1986

INVENTOR-INFORMATION:

NAME

KITA, ATSUSHI

HIRONAKA, TAKESHI

HAYASHI, TADASHI

COUNTRY

US-CL-CURRENT: 526/295

INT-CL (IPC): C08F 236/18; C09J 3/14

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

46. Document ID: JP 56100835 A

L6: Entry 46 of 48

File: JPAB

Aug 13, 1981

PUB-NO: JP356100835A

DOCUMENT-IDENTIFIER: JP 56100835 A

TITLE: PRODUCTION OF PARTICULATE ETHYLENETHIOUREA-CHLOROPRENE RUBBER COMPOSITION

PUBN-DATE: August 13, 1981

INVENTOR-INFORMATION:

NAME

COUNTRY

SAKANAKA, YASUHIRO

OKUZONO, SHUICHI

US-CL-CURRENT: 526/225

INT-CL (IPC): C08L 11/02; C08K 5/38

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

47. Document ID: JP 55112212 A

L6: Entry 47 of 48

File: JPAB

Aug 29, 1980

PUB-NO: JP355112212A

DOCUMENT-IDENTIFIER: JP 55112212 A

TITLE: PRODUCTION OF VULCANIZABLE ACRYLATE ELASTOMER

PUBN-DATE: August 29, 1980

INVENTOR-INFORMATION:

NAME

COUNTRY

EBINA, YOSHIAKI

US-CL-CURRENT: 526/320

INT-CL (IPC): C08F 220/10

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

48. Document ID: JP 54144452 A

L6: Entry 48 of 48

File: JPAB

Nov 10, 1979

PUB-NO: JP354144452A

DOCUMENT-IDENTIFIER: JP 54144452 A

TITLE: FLUORINE RUBBER COMPOSITION

PUBN-DATE: November 10, 1979

INVENTOR-INFORMATION:

Set Name Query  
side by side

*DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

		<u>Hit Count</u>	<u>Set Name</u>
		result set	
<u>L1</u>	scholl-thomas\$.in. or scholl-ulrike\$.in. or trimbach-jurgen\$.in.	249	<u>L1</u>
<u>L2</u>	(rubber or elastomer) with hydroxy	2918	<u>L2</u>
<u>L3</u>	(rubber or elastomer) with hydroxyl	4588	<u>L3</u>
<u>L4</u>	l2 or L3	7146	<u>L4</u>
<u>L5</u>	l1 and L4	23	<u>L5</u>
<u>L6</u>	((525/232 )!.CCLS. ) and L5	1	<u>L6</u>
<u>L7</u>	526/\$.in. and L5	0	<u>L7</u>

END OF SEARCH HISTORY

## WEST

[Generate Collection](#)[Print](#)

## Search Results - Record(s) 1 through 1 of 1 returned.

 1. Document ID: US 6242534 B1

L6: Entry 1 of 1

File: USPT

Jun 5, 2001

US-PAT-NO: 6242534

DOCUMENT-IDENTIFIER: US 6242534 B1

TITLE: Rubber composition, method of formulating and blending the same and article and tires made therefrom

DATE-ISSUED: June 5, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Obrecht; Werner	Moers			DE
<u>Scholl; Thomas</u>	Bergisch Gladbach			DE
Wendling; Peter	Leverkusen			DE
Well; Michael	Vechelde			DE
Monroy; Victor	Charlotte	NC		

US-CL-CURRENT: 525/191, 152/151, 152/450, 152/525, 152/548, 525/232, 525/233, 525/234,  
525/235, 525/236, 525/237, 525/240, 525/241
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Draw Desc](#) | [Image](#)
[Generate Collection](#)[Print](#)

Term	Documents
525/232,EPAB,JPAB,USPT.	1179
(5 AND (525/232,!CCLS.)).USPT,JPAB,EPAB,DWPI,TDBD.	1
((525/232 )!.CCLS. ) AND L5).USPT,JPAB,EPAB,DWPI,TDBD.	1

**Display Format:**  
[Previous Page](#)      [Next Page](#)